ARCHITECTURE DESIGNED SPECIFICALLY FOR E-COMMERCE BETWEEN NATIONS

ABSTRACT OF THE DISCLOSURE

A networked computer architecture (AgoraNet) facilitates and conducts secure electronic commerce based on national deployment independent of the Internet. A "publish and subscribe" model is used in which vendors may publish catalogs and information about product and service offerings to AgoraNet applications hosted at a national site. Subscribing organizations may browse and search vendor data using a Global Naming Service as well as search engines, agents, queries and a subscription service. Buyers and Sellers may communicate directly using an integrated messaging system. Buyers may obtain quotations from Sellers and calculate the Total Landed (delivered) cost of goods prior to purchase. Buyers may place Blanket and standard Purchase Orders and track order shipments to destination. Sellers receive payment electronically for goods and services. Orders for goods and services may be translated to XML or EDI formats and transmitted directly to subscriber order processing systems or serve as input to standard or customized supply chain management applications hosted at AgoraNet sites using AgoraNet for transport.